

020095C1

10/801,279

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the Application:

LISTING OF AMENDED CLAIMS

1 - 21 (canceled).

22 (new). An apparatus for time maintenance in a satellite positioning system receiver configured to receive data from a plurality of satellites, comprising:

a store for maintaining timing data derived from almanac data; and

a processor for deriving a first timing information portion using acquired communication signals and a second timing information portion using the stored timing data, and for combining the first and second portions to determine a real time estimate.

23 (new). The apparatus of claim 22 further comprising a clock to use the almanac data to derive a code period into a current data bit.

24 (new). The apparatus of claim 22 further comprising a clock to use the almanac data to derive a data bit into a current week.

25 (new). The apparatus of claim 22 wherein the processor is configured to determine the real time estimate based on a plurality of parameters and the timing data derived from satellite almanac data is used to provide an indication of at least one of the plurality of parameters.

26 (new). The apparatus of claim 25 wherein the real time estimate is based on code phase, a code period into a current bit, and a bit into a current week.

27 (new). The apparatus of claim 26 wherein the processor measures the code phase based on the received satellite data, and the timing data derived from satellite almanac data is used to provide an indication of at least one of the code period into the current bit and the bit into the current week.

020095C1

10/801,279

28 (new). The apparatus of claim 22 wherein the receiver may be selectively operated in an active mode and a sleep mode and the processor is configured to use the timing data derived from satellite almanac data to calculate an approximate position of at least one of the plurality of satellites when the receiver is initially placed in the active mode.